

CLAIMS

I claim:

1. A gun safety device for preventing unauthorized or accidental use of the same comprising:

5 a solid body of material sized to fit into the cartridge chamber of a selected gun, said solid body having an outwardly directed flange at one end thereof for engaging an end wall surrounding entry into said cartridge chamber and a threaded bore extending inwardly a selected distance from and end of said body
10 opposite said one end, means on said body that projects outwardly therefrom frictionally to engage a wall of said cartridge chamber surrounding said solid body;

a muzzle plug insertable into an open outer end of the barrel of the gun, said muzzle plug having an outwardly directed flange at
15 one end thereof that is engagable with an outer end of said gun barrel; and

an elongate rod threaded along at least a portion at one end thereof for threading into said threaded bore in said solid body and means connecting the opposite end of said rod to said muzzle
20 plug.

2. The gun safety device defined in claim 1 wherein said muzzle plug has an outer end face at said one end thereof and including a first recess in said end face.

3. The gun safety device defined in claim 2 including a second pin receiving recess located in said first recess.

4. The gun safety device defined in claim 3 wherein said second recess is offset from a longitudinal axis of the said plug.

5 5. The gun safety device defined in claim 2 including a key with an end portion projecting therefrom sized and shaped for close mating fit relation in said recess in said plug.

10 6. The gun safety device defined in claim 2 including a second recess located in said first recess and a key having a first projection for close mating fit with said first recess in said plug and a second projection on said first projection for mating with said second recess.

15 7. The gun safety device defined in claim 2 wherein the end face portion surrounding said recess in said plug is chamfered tapering to the extent such that the outer periphery of the flange of said plug is a sharp narrow edge.

20 8. The gun safety device defined in claim 2 wherein said muzzle plug has a longitudinal axis, wherein said recess is circular having a wall concentric with said axis, a second recess in said first recess and wherein said second recess is offset from said axis.

9. The gun safety device defined in claim 1 wherein said means projecting outwardly from said solid body is made of a resilient material.

10. The gun safety device defined in claim 9 wherein said
5 projecting means is an O-ring.

11. The gun safety device defined in claim 10 including an annular groove extending about the periphery of said body and wherein said O-ring fits into said groove.

12. The gun safety device defined in claim 9 wherein said
10 projecting means are pins spaced apart from one another around the periphery of said solid body.

13. The gun safety device defined in claim 12 including recesses in the outer surface of said solid body and wherein said pins project into said such recesses.

14. A gun safety device for preventing unauthorized or
15 accidental use of the same comprising:

a solid body of material shaped and sized to simulate a live cartridge and fit into the cartridge chamber of a selected gun, said solid body having an outwardly directed flange at one end
20 thereof for engaging an end wall surrounding entry into said cartridge chamber and a threaded bore extending inwardly a selected

distance from and end of said body opposite said one end;

means on said body that projects outwardly therefrom frictionally to engage a wall of said cartridge chamber surrounding said solid body;

5 a muzzle plug insertable into an open outer end of the barrel of the gun, said muzzle plug having an outwardly directed flange at one end thereof that is engagable with an outer end of said gun barrel and a threaded bore extending a selected distance inwardly from an end thereof opposite said one end; and

10 an elongate rod threaded along at least a portion of opposite ends thereof for threading into said threaded bores respectively in said solid body and said muzzle plug.

15 15. The gun safety device defined in claim 14 wherein said muzzle plug has an outer end face at said one end thereof and including a first recess in said end face.

20 16. The gun safety device defined in claim 15 including a second pin receiving recess located in said first recess, a key having a first projection shaped and sized for close mating fit with said first recess and a second projection on said first projections, said second projection being positioned to project into said second recess.

17. The gun safety device as defined in claim 16 wherein the end face portion surrounding said first recess in said plug is chamfered tapering to the extent such that the outer periphery of the flange of said plug is a sharp narrow edge.